

IN THE CLAIMS:

Amend claims 1 and 3-4, add new claims 5-10 and cancel claim 2 without prejudice or admission as shown in the following listing of claims, which replaces all previous listings and versions of claims.

1. (currently amended) A motor ~~provided with~~
comprising:

a stator having cores and coils;

a rotor having a permanent magnet arranged in a ring shape on the radial inner side of said stator, facing said cores and coils; and

a fluid dynamic bearing which rotatably supports said rotor with respect to said stator, ~~wherein~~ said fluid dynamic bearing having ~~is provided with~~ a shaft body fixed to said ~~rotor,~~ rotor,

a shaft body support part, which has a closed end and is fixed to said stator, and in which a shaft body insertion hole is formed for rotatably accommodating said shaft ~~body,~~ body, and

a fluid which is filled into a clearance formed between said shaft body and said shaft body insertion hole,
~~and said shaft body is provided with,~~

wherein said shaft body has a thrust shaft part formed in a flange shape in an axial central part, and a radial shaft part and a support part which are formed cylindrically on the opposite axial sides of said thrust shaft part,

~~and wherein~~ said shaft body support part has ~~is provided with:~~ a small diameter cylinder part which forms a closed end side of said shaft body insertion hole, and into which said radial shaft part is inserted such that it rotates ~~freely,~~ freely,

a large diameter cylinder part which forms an open end side of said shaft body insertion hole, and into which said thrust shaft part is inserted such that it rotates ~~freely,~~ freely, and

a counter plate which covers the open end of said shaft body insertion hole, and forms a capillary seal between itself and said support part, and

~~and there is provided~~ a dynamic pressure generation unit comprising said fluid, and dynamic pressure generating grooves formed in at least one of the outer faces of said thrust shaft part and the outer faces of said radial shaft part, and the inner face of said shaft body insertion hole facing these outer faces,

wherein a ratio of the outer diameter of said thrust shaft part to the outer diameter of said permanent magnet is approximately 1 to 2.

2. (canceled)

3. (original) A motor according to claim 1, wherein said permanent magnet is only fixed on an axial direction surface of said rotor, and an inner peripheral surface of said permanent magnet located on an opposite side to an outer peripheral surface facing said cores and said coils is open.

4. (original) A recording medium drive device provided with the motor according to claim 1, and said rotor is provided with a fixing part for attaching a sheet type recording medium.

5. (new) A motor comprising: a stator having a plurality of cores arranged in a ring, each core extending radially inwardly from a proximal end thereof and terminating at a distal end thereof in a magnetic pole piece, and a coil

wound on each core; a rotor having a ring-shaped permanent magnet disposed radially inwardly of the ring of cores such that the radial outer side of the permanent magnet is spaced from and faces the magnetic pole pieces; and a fluid dynamic bearing that rotatably supports the rotor with respect to the stator, the fluid dynamic bearing having a shaft body connected to the rotor for rotation therewith, the shaft body having a radially outwardly extending flange, a shaft body support connected to the stator and having an opening in which is rotatably disposed the flanged shaft body, and dynamic pressure generating grooves formed in opposed surfaces of the flanged shaft body and the shaft body support, wherein a ratio of the outer diameter of the flange to the outer diameter of the permanent magnet is approximately 1 to 2.

6. (new) A motor according to claim 5; further including a fluid contained in the opening in a clearance space between the shaft body and the shaft body support.

7. (new) A motor according to claim 6; wherein the fluid is lubricating oil.

8. (new) A motor according to claim 5; wherein the stator has a base portion having a hole in which is fitted a bottom portion of the shaft body support, and wherein the radial inner side of the permanent magnet is spaced from and faces the outer surface of the stator base portion in the region of the hole.

9. (new) A motor according to claim 8; wherein the space between the facing permanent magnet and the stator base portion is open and free of any structure.

10. (new) A motor according to claim 5; wherein the rotor has a cylindrical wall part that surrounds the fluid dynamic bearing, the permanent magnet being fixed to the lower end face of the cylindrical wall part.